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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of

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Application Number	10/084,639
Filing Date	February 25, 2002
First Named Inventor	Hageman, Gregory S., et. al.
Art Unit	1644
Examiner Name	Not yet assigned
Attorney Docket Number	020618-000920US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JCS	A1	US-5,472,939		12-05-1995	Fearon, et al	
	A2	US-5,681,571		10-28-1997	Holmgren et al.	
	A3	US-5,773,573		06-30-1998	Holms	
	A4	US-5,843,449		12-01-1998	Boots et al.	
	A5	US-5,951,984		09-14-1999	Kaneko et al.	
	A6	US-6,087,120		07-11-2000	Van Oeveren et al.	
	A7	US-6,103,235		08-15-2000	Neville et al.	
	A8	US-6,153,203		11-28-2000	Holmgren et al.	
	A9	US-2002/0015957 A1		02-07-2002	Hageman et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
JCS	B1	PCT	WO 90/15152	A1	12-13-1990			
	B2	PCT	WO 95/17673	A	06-29-1995			
	B3	PCT	WO 00/52479	A2	09-08-2000			<input type="checkbox"/>

Examiner Signature	David A. Saunders	Date Considered	6/18/04
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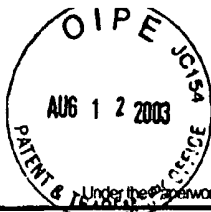
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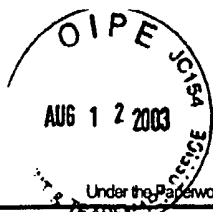
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JAS	C1	ABRAHA, A. and LUZIO, J.; "Inhibition of the formation of the complement membrane-attack complex by a monoclonal antibody to the complement component C8 α Subunit", <i>Biochem J.</i> 1989, pp. 933-8; 264, Great Britain.	
	C2	AKIYAMA, H. et al; "Inflammation and Alzheimer's disease"; <i>Neurobiol of Aging</i> 21; May-June 2000; pp. 383-421; Volume 21, No. 3	
	C3	ALLIKMETTS, R. et al; "Mutation of the Stargardt Disease Gene (ABCR) in Age-Related Macular Degeneration", <i>Science</i> , September 19, 1997; pp. 1805-1807, Vol. 277	
	C4	AUDA, G. et al; "Measurement of complement activation products in patients with chronic rheumatic diseases", <i>Rheumatology International</i> ; 1990, 10(5); pp. 185-189, Springer-Verlag	
	C5	BAATRUP, G. et al; "Effects of coagulation temperature on measurements of complement function in serum samples from patients with systemic lupus erythematosus", <i>Annals of Rheumatic Disease</i> ; 1992, 51(7):892-897	
	C6	BACHINSKY, D. et al; "Detection of Two Forms of GP330", <i>American Journal of Pathology</i> ; August 1993, pp. 598-611, Vol. 143, No. 2	
	C7	BHAKDI, S. & TRANUM-JENSEN, J.; "Membrane Damage by Complement", <i>Biochimica et Biophysica Acta</i> ; 1983, pp. 343-372; 737, Elsevier Science Publishers B.V.	
	C8	BORA, N.S. et al.; "Differential expression of the complement regulatory proteins in the human eye", <i>Investigative Ophthalmology & Visual Science</i> ; December 1993, pp. 3579-3584, Vol. 34, No. 13	
	C9	BRALEY-MULLEN; "Activation of Distinct Subsets of T Suppressor Cells with Type III Pneumococcal Polysaccharide Coupled to Syngeneic Spleen Cells", <i>Immunological Tolerance To Self and Non-Self</i> , Annals of New York Academy of Science, 1982, pp. 156-166, Vol. 392.	
	C10	BURGER, R. et al; "The C Terminus of the Anaphylatoxin C3a Generated Upon Complement Activation Represents a Neoantigenic Determinant with Diagnostic Potential", <i>Journal of Immunology</i> , July 15, 1988; pp. 553-558, Vol. 141, No. 2, Printed in the U.S.A.	
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	C12	CAMPBELL, R. et al; "An Anion Binding Study of Vanadyl(IV) Human Serotransferrin", <i>Journal of Biological Chemistry</i> ; 1977, pp. 5996-6001, Vol. 252, No. 17, Printed in the U.S.A.	
	C13	CARAHER, E.M. et al; "Evidence for enhanced rates of complement activation in serum from patients with newly diagnosed insulin-dependent diabetes mellitus exposed to rat islet cells and complement-dependent induction of islet cell apoptosis.", <i>Journal of Endocrinology</i> ; 1999, pp. 143-153, Vol. 162, No. 1, Printed in Great Britain	
	C14	CHENOWETH, D. et al; "Complement Activation During Cardiopulmonary Bypass", <i>New England Journal of Medicine</i> ; February 26, 1981; pp. 497-502, Vol. 304, No. 9, Printed in the U.S.A.	

Examiner Signature	David H. Saunders	Date Considered	6/17/04
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Sheet 3 of 9

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Art Unit	1644
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swf	C15	CHAIN, B. et al; "Improvement of the in vitro T cell proliferation assay by a modified method that separates the antigen recognition and IL-2-dependent steps.", <i>Journal of Immunological Methods</i> ; 1987, pp. 221-228, Vol. 99.	
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	C17	DELORI, F. and BEN-SIRA, I.; "Excitation and emission spectra of fluorescein dye in the human ocular fundus.", <i>Investigative Ophthalmology</i> ; June 1975, pp.487-492, Vol 14, No. 6.	
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	C19	DETRICK, B. et al.; "Class II Antigen Expression and Gamma Interferon Modulation of Monocytes and Retinal Pigment Epithelial Cells from Patients with Retinitis Pigmentosa", <i>Clinical Immunology and Immunopathology</i> , August 1985, pp. 201-211, Vol. 36, No. 2, San Diego, CA, U.S.A.	
	C20	EDWARDS, A. et al; "Malattia Leventinese: Refinement of the Genetic Locus and Phenotypic Variability in Autosomal Dominant Macular Drusen", <i>American Journal of Ophthalmology</i> ; September 1998, pp. 417-424, Vol. 126, Elsevier Science Inc.	
	C21	EGERTON, M. et al; "Identification of Ezrin as an 81-kDa Tyrosin-Phosphorylated Protein in T Cells", <i>The Journal of Immunology</i> , September 15, 1992; pp. 1847-1852, Vol. 149, No. 6, Printed in the U.S.A.	
	C22	ENK, C. et al; "A Standardized Human T-lymphocyte Proliferation Assay for Detecting Soluble Accessory Factors From Monocytes", <i>Acta Pathol Microbiol Immunol Scand [C]</i> , 1984, pp. 93-100, Vol. 92, No. 2.	
	C23	EPSTEIN, G.A. and RABB, M.F.; "Adult vitelliform macular degeneration: diagnosis and natural history"; <i>British Journal of Ophthalmology</i> ; 1980, pp. 733-40, Vol. 64.	
	C24	FELBOR, U. et al; "Adult vitelliform Macular Dystrophy Is Frequently Associated With Mutations in the Peripherin/RDS Gene", <i>Human Mutation</i> ; 1997, pp. 301-309, Vol. 10.	
	C25	FELBOR, U. et al; "Autosomal Recessive Sorsby Fundus Dystrophy Revisited: Molecular Evidence for Dominant Inheritance", <i>American Journal of Human Genetics</i> ; 1997, pp.57-62, Vol. 60.	
	C26	FITZGIBBON, J. et al; "Localisation of the human blue cone pigment gene to chromosome band 7q31.3-32", <i>Human Genetics</i> ; 1994, pp. 79-80, Vol. 93.	
	C27	FORSTROM, J.W. et al; Immunization to a syngeneic sarcoma by a monoclonal auto-anti-idiotypic antibody", <i>Nature</i> ; June 16, 1983; pp. 627-629, Vol. 303.	
✓	C28	GILTAY, R. et al; "Sequence, Recombinant Expression and Tissue Localization of Two Novel Extracellular Matrix Proteins, fibulin-3 and fibulin-4", <i>Matrix Biol</i> , October 1999, pp. 469-480, Vol. 18, No. 5.	

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Sheet	4	of	9	Attorney Docket Number	020618-000920US

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SW	C29	GORSKI, J.; "Quantitation of Human Complement Fragment C4ai in Physiological Fluids by Competitive Inhibition Radioimmune Assay", <i>Journal of Immunological Methods</i> ; 1981, pp. 61-73, Vol. 47, Elsevier/North-Holland Biomedical Press.	
	C30	GOSLINGS W., et al.; "Membrane-Bound Regulators of Complement Activation in Uveal Melanomas. CD46, CD55, and CD59 in Uveal Melanomas"; <i>Investigative Ophthalmology & Visual Science</i> , August 1996, pp. 1884-1891, Vol. 37, No. 8.	
	C31	GREEN, W.R.; "Histopathology of age-related macular degeneration"; <i>Molecular Vision</i> ; November 1999; Vol. 5, No. 27.	
	C32	GRIESINGER, I.B. et al; Macular Degeneration with Highly Variable Phenotype Localized to Chromosome 6q." <i>American Journal of Human Genetics</i> ; 63:A30; 1998, ABSTRACT NO. 158	
	C33	GURNE, D. et al; "Antiretinal Antibodies in Serum of Patients with Age-related Macular Degeneration", <i>Ophthalmology</i> ; May 1991; pp. 602-607, Vol. 98, No. 5.	
	C34	HALLIDAY, W.J. and MALUISH, A.E.; Chapter 1: "Hemocytometer LAI: Immunological Basis and Applications", <i>Assessment of Immune Status by the Leukocyte Adherence Inhibition Test</i> ; 1982; pp. 1-26, Academic Press, Inc; New York	
	C35	HAYAMIZU et al; "Monocyte-derived dendritic cell precursors facilitate tolerance to heart allografts after total lymphoid irradiation", <i>Transplantation</i> , 1998, pp. 1285-1291, Vol. 66, No. 10	
	C36	HINTNER, H. et al; "Vitronectin Shows Complement-Independent Binding to Isolated Keratin Filament Aggregates", <i>Journal of Investigative Dermatology</i> ; November 1989, pp. 656-661, Vol. 93, No. 5.	
	C37	HOLZ, F. et al.; "Patterns of increased in vivo fundus autofluorescence in the junctional zone of geographic atrophy of the retinal pigment epithelium associated with age-related macular degeneration.", <i>Graefes Arch Clin Exp Ophthalmol</i> ; 1999, pp. 145-52, Vol. 237.	
	C38	HUGLI, T.E. and CHENOWETH, D.E.; "Biologically Active Peptides of Complement: Techniques and Significance of C3a and C5a Measurements", <i>Immunoassays: Clinical Laboratory Techniques for the 1980s</i> ; 1980, pp. 443-460.	
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	C41	KAKEHASHI, et al; "Differential Diagnosis of Macular Breaks By Microperimetry Using the Scanning Laser Ophthalmoscope", <i>Jpn J Ophthalmol</i> , 1996, pp. 116-122; Vol. 40, No. 1.	
	C42	KALUZNY; et al; "The use of indocyanine green angiography in diagnosis of occult choroidal neovascularization in age-related macular degeneration" (title translated), <i>Klinika Oczna</i> ; 1999, pp. 355-359, Vol. 101, No. 5, with abstract.	

Examiner Signature	<i>David A. Saunders</i>	Date Considered	6/17/04
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DS	C43	KAZEEM, A.A. et al; "Assay of Circulating Immune Complexes by Immunonephelometry Markers of Immunonephropathy Among Young Nigerians", <i>East African Medical Journal</i> ; June 1990, pp. 396-403, Vol. 67, No. 6.	
	C44	KELSELL, R. et al; Letter to the Editor entitled, "Localization of a Gene (CORD7) for a Dominant Cone-Rod Dystrophy to Chromosome 6q", <i>American Journal of Human Genetics</i> , 1998, pp. 274-279, Vol. 63.	
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	C47	KITA, T. et al; "Atherosclerosis V: The Fifth Saratoga International Conference. Oxidized-LDL and Atherosclerosis Role of LOX-1", <i>Annals of the New York Academy of Sciences</i> ; 2000, pp. 95-100, Vol. 902.	
	C48	KLEIN, M. et al; "Age-Related Macular Degeneration. Clinical Features in a Large Family and Linkage to Chromosome 1q.", <i>Arch. Ophthalmol</i> ; August 1998, pp. 1082-1088, Vol. 116.	
	C49	KOHNO, T. et al.; "Detection of Choroidal Neovascularization in Age-related Macular Degeneration Using Subtraction Methods in Indocyanine Green Angiography", <i>Bull Soc Belge Ophthalmol</i> ; 1995, pp. 81-88, Vol. 259.	
	C50	KOPPI, T. and HALLIDAY, W.J.; "Further Characterization of the Cells Involved in Leukocyte Adherence Inhibition with Murine Tumor Extracts", <i>Cellular Immunology</i> , 1982; pp. 394-408, Vol. 66.	
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	C52	KRAPF, F. et al; "Determination of Complement Activating Circulating Immune Complexes and an Example for Antigen Specific Immune Complex Assays", <i>Journal of Clinical Lab Immunology</i> ; 1986, pp. 183-187, Vol. 21.	
	C53	KUCK, H. et al.; Diagnosis of Occult Subretinal Neovascularization in Age-related Macular Degeneration by Infrared Scanning Laser Videoangiography", <i>Retina</i> ; 1993, pp. 36-29, Vol. 13, No. 1.	
	C54	KYLSTRA, J.A. et al; Letter to the Journal entitled, "Cone-rod retinal dystrophy in a patient with neurofibromatosis type 1", <i>Canadian Journal of Ophthalmology</i> ; 1993, pp. 79-80, Vol. 28, No. 2.	
	C55	LANGLOIS, P. et al; "Plasma concentrations of complement-activation complexes correlate with disease activity in patients diagnosed with isolated central nervous system vasculitis", <i>Journal of Allergy Clinical Immunology</i> , January 1989, pp. 11-16, Vol. 83, No. 1.	
	C56	LAWN et al; "The Sequence of Human Serum Albumin cDNA and Its Expression in E. coli", <i>Nucleic Acids Research</i> , 1981, pp. 6103-6114, Vol. 9, No. 22	

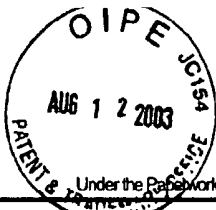
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Application Number	10/084,639
Filing Date	February 25, 2002
First Named Inventor	Hageman, Gregory S., et. al.
Art Unit	1644
Examiner Name	Not yet assigned
Attorney Docket Number	020618-000920US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>DS</i>	C57	LI, X. et al.; "A pineal relayatory element (PIRE) mediates transactivation by the pineal/retina-specific transcription factor CRX", <i>Proc. Natl. Acad. Sci. USA</i> ; 1998, pp. 1876-1881, Vol. 95.	
	C58	LINDER, E. et al; "An Immunofluorescence Assay for Complement Activation by the Classical Pathway", <i>Journal of Immunological Methods</i> ; 1981, pp. 49-59, Vol. 47.	
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	C60	LUBINSKI, W. et al; "Foveal electroretinogram-application in diagnosis of macular diseases. Preliminary report.", <i>Klin Oczna</i> ; 1998, pp. 263-268, Vol. 100, No. 5. (Translated abstract of document included)	
	C81	LYNCH, N. et al; "Characterisation of the rat and mouse homologues of gC1qBP, a 33 kDa glycoprotein that binds to the globular 'heads' of C1q", <i>FEBS Letters</i> ; 1997, pp. 111-114, Vol. 418.	
	C62	MAHANT, S., et al; "Retinal dystrophy in 18q- (de Grouchy) syndrome.", <i>Am. J. Hum. Genet.</i> ; 1995, p. A98, Vol. 57. (Abstract only) <i>ABSTRACT NO. 528</i>	
	C63	MARMORSTEIN, ALAN D., et al; "Bestrophin, the product of the Best vitelliform macular dystrophy gene (VMD2), localizes to the basolateral plasma membrane of the retinal pigment epithelium", <i>PNAS</i> ; November 7, 2000; pp. 12758-12763; Vol. 97, No. 23	
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	C65	MARX; "Testing of Autoimmune Therapy Begins", <i>Science</i> , April 1991, pp. 27-28, Vol. 252	
	C66	METZLER and WRAITH; "Inhibition of experimental autoimmune encephalomyelitis by inhalation but not oral administration of the encephalitogenic peptide: influence of MHC binding affinity", <i>International Immunology</i> , 1993, pp. 1159-1165, Vol. 5, No. 9	
	C67	MILIS, L. et al; "Vitronectin-mediated inhibition of complement: evidence for different binding sites for C5b-7 and C9", <i>Clin Exp Immunol.</i> ; 1993, pp. 114-119, Vol. 92.	
	C68	MINH, DO-QUANG et al; "Serial complement measurements in patients with leukaemia", <i>Clin Lab Haematol.</i> ; 1983, pp. 23-34, Vol. 5.	
	C69	MOLD, C. et al; "CR2 is a Complement Activator and the Covalent Binding Site for C3 During Alternative Pathway Activation by Raji Cells", <i>Journal of Immunology</i> , March 15, 1988; pp. 1923-1929, Vol. 140, No. 6.	
<i>✓</i>	C70	MOUSA, S. et al. "Role of Hypoxia and Extracellular Matrix-Integrin Binding in the Modulation of Angiogenic Growth Factors Secretion by Retinal Pigmented Epithelial Cells", <i>Journal of Cellular Biochemistry</i> , 1999, pp. 135-143, Vol. 74	

Examiner
Signature

David A. Saunders

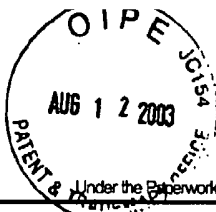
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		Filing Date	February 25, 2002
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Sheet 7 of 9	Attorney Docket Number	020618-000920US	

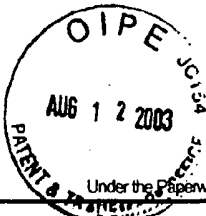
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[Signature]	C71	MULLINS, R. et al.; "Drusen associated with aging and age-related macular degeneration contain proteins common to extracellular deposits associated with atherosclerosis, elastosis, amyloidosis, and dense deposit disease", <i>The FASEB Journal</i> ; May 2000, pp. 835-846, Vol. 14.	
	C72	MUNROE, P. et al; "Spectrum of Mutations in the Batten Disease Gene, CLN3", <i>American Journal of Human Genetics</i> ; 1997, pp. 310-316, Vol. 61.	
	C73	NEWELL, S., et al.; "Hemolytic and antigenic measurements of complement. A comparison of serum and plasma samples in normal individuals and patients"; <i>J Lab Clin Med</i> ; September 1982; pp. 437-444; Volume 100, No. 3.	
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	C75	PADMA, T. and MURTY, J.S., "Association of Genetic Markers with Some Eye Diseases", <i>Acta Anthropogenetica</i> , 1983, pp. 1-12, Vol. 7, No. 1.	
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	C81	RATNOFF, W. et al.; "Immunohistochemical Localization of C9 Neoantigen and the Terminal Complement Inhibitory Protein CD59 in Human Endometrium", <i>American Journal of Reproductive Immunology</i> ; 1995, pp. 72-79, Vol. 34, Munksgaard, Copenhagen.	
	C82	RAVELLI, A. et al; "IgG autoantibodies to complement C1q in pediatric-onset systemic lupus erythematosus", <i>Clinical and Experimental Rheumatology</i> ; 1997, pp. 215-219, Vol. 15.	
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Examiner Signature	<i>David A. Saunders</i>	Date Considered	6/17/04
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Sheet 8 of 9	Attorney Docket Number	020618-000920US	

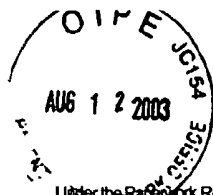
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SW	C85	SACKS, J.G. et al; "The Pathogenesis of Optic Nerve Drusen". <i>Archives of Ophthalmology</i> , March 1997, pp. 425-428, Vol. 95, No. 3.	
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	C88	SMALL, K. et al.; "Mapping of Autosomal Dominant Cone Degeneration to Chromosome 17p", <i>American Journal of Ophthalmology</i> ; 1996, pp. 13-18, Vol. 121, No. 1.	
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	C91	STRIFE, C. et al; "Autoantibody to complement neoantigens in membranoproliferative glomerulonephritis", <i>The Journal of Pediatrics</i> ; May 1990, pp. S98-S102, Vol. 116, No. 5.	
	C92	SUZUKI et al.; "Complete amino acid sequence of human vitronectin deduced from cDNA. Similarity of cell attachment sites in vitronectin and fibronectin", <i>EMBO J</i> , 1985, pp. 2519-2524, Vol. 4, No. 10	
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	C94	THOMSON et al; "Microchimerism, Dendritic Cell Progenitors and Transplantation Tolerance", <i>Stem Cells</i> ; 1995, pp. 622-639, Vol. 13	
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	C96	TRAN, H. et al.; "Human Fibulin-1D: Molecular Cloning, Expression and Similarity with S1-5 Protein, a New Member of the Fibulin Gene Family", <i>Matrix Biology</i> , 1997, pp. 479-493, Vol. 15	
	C97	TRENTHAM et al; "Effects of Oral Administration of Type II Collagen on Rheumatoid Arthritis", <i>Science</i> ; 1993, pp. 1727-1730, Vol. 261	
	C98	TSCHOPP, J. et al.; "Clusterin, the Human Apolipoprotein and Complement Inhibitor, Binds to Complement C7, C8 β , and the b Domain of C9", <i>Journal of Immunology</i> ; August 15, 1993; pp. 2159-2165, Vol. 151, No. 4. Printed in the U.S.A.	

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		First Named Inventor	Hageman, Gregory S., et. al.
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		Attorney Docket Number	020618-000920US

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<i>Def</i>	C99	VAN DIJK, H. et al.; "Determination of Alternative Pathway of Complement Activity in Mouse Serum Using Rabbit Erythrocytes", <i>Journal of Immunological Methods</i> ; 1890, pp.29-39, Vol. 36, Elsevier/North-Holland Biomedical Press.	
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	C104	YUZAWA, M. et al; "Clinical evaluation of indocyanine green video-angiography in the diagnosis of choroidal neovascular membrane associated with age-related macular degeneration", <i>European Journal of Ophthalmology</i> ; 1992, pp. 115-121, Vol. 2, No. 3.	
	C105	ZHANG, K. et al; "A dominant Stargardt's Macular Dystrophy Locus Maps to Chromosome 13q34", <i>Arch. Ophthalmol.</i> ; June 1994, pp. 759-764, Vol. 112.	
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U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>Day</i>	A1	US-5,686,598	11-11-1997	North et al.	
	A2	US-5,705,380	01-06-1998	North et al.	
	A3	US 2002-0102581 A1	8-1-2002	Hageman et al.	
	A4	US 2003-0207309 A1	11-6-2003	Hageman et al.	

FOREIGN PATENT DOCUMENTS								
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DAJ	C1	Bird, A. "Age-related macular disease," Br. J. Ophthalmol., 80, 2-3, 1996.	
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	C5	Burns, R., and Feeney-Burns, L., Transactions of the American Ophthalmologic Society, 78, 206-225, 1980.	
	C6	CHEN, H. et al. "An immunologic study of age-related macular degeneration" Yan Ke Xue Bao, Sept. 1993, pp. 113-120, Vol. 9, No. 3	
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	C13	Esser et al. "The significance of vitronectin in proliferative diabetic retinopathy," Graefes Archive for Clinical and Experimental Ophthalmology, 232 (8) 477-81, 1994.	
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	C16	Feeney-Burns, et al. "Lysosomal enzyme cytochemistry of human RPE, bruch's membrane and drusen," Invest. Ophthalmol. Vis. Sci., 28, 1138-1147, 1987.	

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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>gag</i>	C17	Feeney-Burns, L. et al. "The fate of immunoreactive opsin following phagocytosis by pigment epithelium in human and monkey retinas," Invest. Ophthalmol. Vis. Sci., 29, 708-719, 1988.	
	C18	Feeney-Burns, L., and Ellersieck, M. "Age-related changes in the ultrastructure of bruch's membrane," Amer. J. Ophthalmol., 100, 686-697, 1985.	
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	C21	Grossiklaus, et al. "Immunohistochemical and histochemical properties of surgically excised subretinal neovascular membranes in age-related macular degeneration," American Journal of Ophthalmology 114 (4), 464-72, 1992.	
	C22	Hageman, et al. "Vitronectin is a constituent of ocular drusen and the vitronectin gene is expressed in human retinal pigmented epithelial cells," FASEB Journal, 13(3), 477-84, 1999.	
	C23	Heidenkummer, et al. "Surgical extraction of subretinal pseudotumors in age related macular degeneration," Ophthalmology, 92 (5), 631-639, 1995. <i>SUMMARY ONLY</i>	
	C24	Holz, F., et al. "Analysis of lipid deposits extracted from human macular and peripheral bruch's membrane," Arch. Ophthalmol., 112, 402-406, 1994.	
	C25	Ishibashi, T., et al. "Formation of drusen in the human eye," Amer. J. Ophthalmol., 101, 342-353, 1986.	
	C26	Ishibashi, T., et al. "Pathogenesis of drusen in the primate," Invest. Ophthalmol. Vis. Sci., 27, 184-193, 1986.	
	C27	KELTNER, JL & THIRKILL, CE "The 22-kDa antigen in optic nerve and retinal diseases" J. Neuroophthalmol., June 1999, pp. 71-83, Vol. 19, No. 2.	
	C28	Killingsworth, M., et al. "Macrophages related to bruch's membrane in age-related macular degeneration," Eye, 4, 613-621, 1990.	
	C29	Klaver et al., "Genetic association of apolipoprotein E with age-related macular degeneration," Am J. of Human Genetics, 63 (1), 200-6, 1998.	
	C30	Lewis, H., et al. "Chorioretinal Junction, multiple extramacular drusen," Ophthalmol., 93, 1098-1112, 1986.	
	C31	Loeffler, K., and Mangini, M. "Immunolocalization of ubiquitin and related enzymes in human retina and retinal pigment epithelium," Graefes Arch. Clin. Exp. Ophthalmol., 235, 248-54, 1997.	
<i>✓</i>	C32	Loeffler, K., et al. "Immunoreactivity against tau, amyloid precursor protein, and beta-amyloid in the human retina," Invest. Ophthalmol. Vis. Sci., 36, 24-31, 1995.	

Examiner Signature	<i>David A Saunders</i>	Date Considered	<i>6/17/04</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	4	of	5	Application Number	10/084,639
				Filing Date	February 25, 2002
				First Named Inventor	Hageman, Gregory S.
				Art Unit	1644
				Examiner Name	Not yet assigned
				Attorney Docket Number	020618-000920US

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<i>dal</i>	C33	Midéna, E., et al. "Macular function impairment in eyes with early age-related macular degeneration," Invest. Ophthalmol. Vis. Sci., 38, 469-477, 1997.	
	C34	Newsome, D., et al. "Detection of specific extracellular matrix molecules in drusen, bruch's membrane and ciliary body," Amer. J. Ophthalmol., 104, 373-381, 1987.	
	C35	Newsome, D., et al. "Macular degeneration and elevated serum ceruloplasmin," Invest. Ophthalmol. Vis. Sci., 27, 1675-80, 1986.	
	C36	Pauleikhoff, D., et al. "Drusen as risk factors in age-related macular disease," Amer. J. Ophthalmol., 109, 38-43, 1990.	
	C37	Pauleikhoff, D., et al. "Correlation between biochemical composition and fluorescein binding of deposits in bruch's membrane," Ophthalmol., 99, 1548-1553, 1992.	
	C38	PENFOLD, P. et al. "Modulation of major histocompatibility complex II expression in retinas with age-related macular degeneration," Invest. Ophthalmol. Vis. Sci., 38, 2125-33, 1997.	
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	C47	Sarks, S., et al. "Softening of drusen and subretinal neovascularization," Trans. Ophthalmol. Soc. U.K., 100, 414-422, 1980.	
✓	C48	Sokal, I. et al. "GCAP1(Y99C) mutant is constitutively active in autosomal dominant cone dystrophy," Mol. Cell. 2:129-133, 1998.	

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dal	C49	Souied, et al. "The epsilon4 allele of the apolipoprotein E gene as a potential protective factor for exudative age-related macular degeneration," Am. J. of Ophthalmology, 125 (3) 353-9, 1998.	
	C50	Spraul, C., and Grossniklaus, H. "Characteristics of drusen and bruch's membrane in postmortem eyes with age-related macular degeneration," Arch. Ophthalmol., 115, 267-73, 1997.	
	C51	TSO, MO "Experiments on visual cells by nature and man: in search of treatment for photoreceptor degeneration. Friedenwald lecture." Invest Ophthalmol Vis Sci, Dec 1989, pp. 2430-2454, Vol. 30, No. 12.	
	C52	van der Schaft, T., et al. "Early stages of age-related macular degeneration: an immunofluorescence and electron microscopy study," Br. J. Ophthalmol., 77, 657-661, 1993.	
	C53	Vinding, T. "Occurrence of drusen, pigmentary changes and exudative changes in the macula with reference to age-related macular degeneration," Acta Ophthalmologica, 68, 410-414, 1990.	
	C54	Young, R. "Pathophysiology of age-related macular degeneration" Surv. Ophthalmol., 31, 291-306, 1987.	

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